

SUPPLEMENTAL AMENDMENT
U.S. Appln. No. 09/295,329

61 (A) a polymer which has bridged alicyclic hydrocarbon skeletons and decomposes by the action of an acid to thereby become alkali-soluble,

(B) a compound which generates an acid upon irradiation with actinic rays,

(C) a nitrogen-containing basic compound,

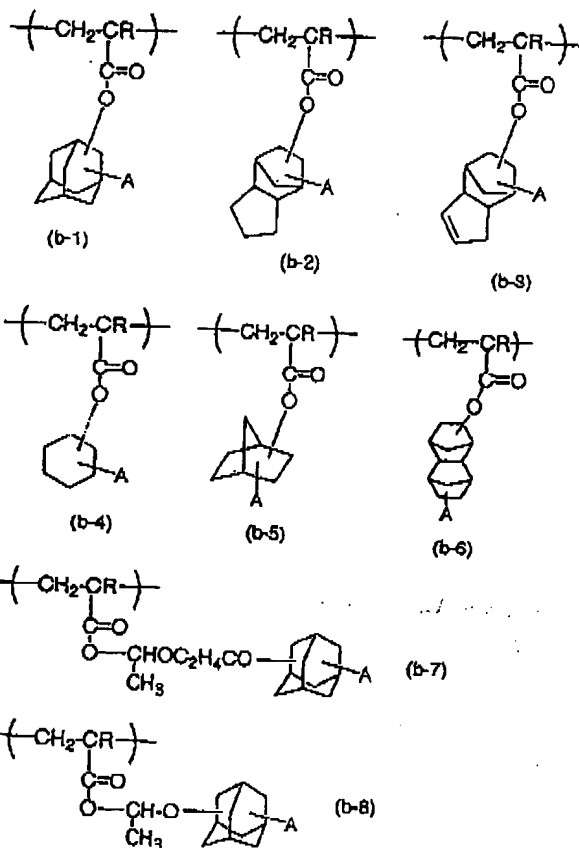
(D) at least one of a fluorine-containing surfactant and a silicon-containing surfactant, and

(E) a solvent;

wherein the ratio of (B) to (C) by weight is from 5 to 300 and the ratio of (A) to (D) by weight is from 500 to 20,000 and

wherein said polymer which has alicyclic hydrocarbon skeletons and decomposes under the action of an acid to become alkali soluble contains a repeating unit selected from the group consisting of repeating units having the structural formulas (b-1) to (b-8):

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wherein A is selected from the group consisting of hydrogen, hydroxyl, a carboxyl group, an alkoxycarbonyl group, a substituted or unsubstituted alkyl group having from 1 to 10 carbon atoms, a substituted or unsubstituted alkoxy group having from 1 to 10 carbon atoms, and a substituted or unsubstituted alkenyl group having from 1 to 10 carbon atoms; and R is selected from the group consisting of hydrogen and a substituted or unsubstituted alkyl group having 1 to 3 carbon atoms.

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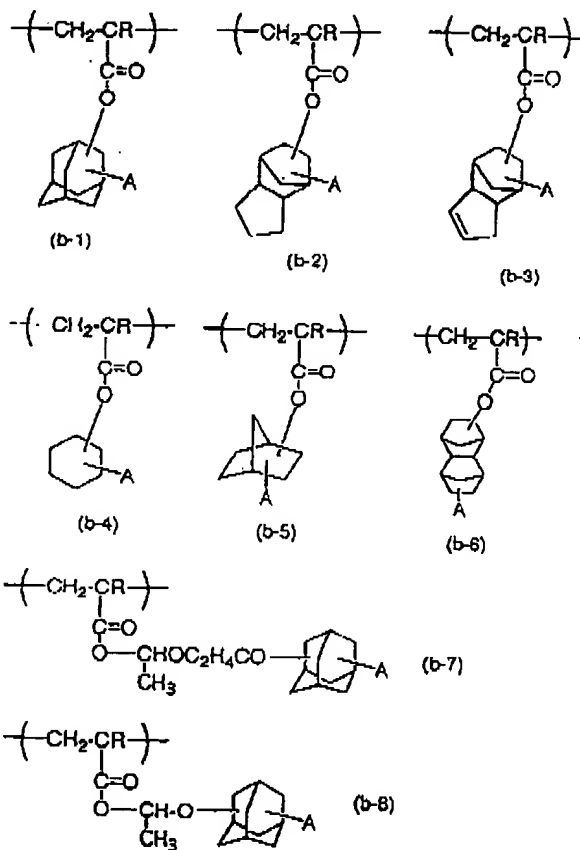
Claim 25 (three times amended). A positive photosensitive resin composition comprising:

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- (A) a polymer which has alicyclic hydrocarbon skeletons and decomposes by the action of an acid to thereby become alkali-soluble,
 - (B) a compound which generates an acid upon irradiation with actinic rays,
 - (C) a nitrogen-containing basic compound,
 - (D) at least one of a fluorine-containing surfactant and a silicon-containing surfactant, and
 - (E) a solvent comprising as a first solvent at least one solvent selected from the group (a) in an amount of 60 to 90 % by weight based on the total solvent and as a second solvent a solvent selected from the following group (b) in an amount of 10 to 40 % by weight to the total solvent; the group (a) consisting of ethyl lactate, propylene glycol monomethyl ether acetate, propylene glycol monomethyl ether propionate, methyl 3-methoxypropionate and ethyl 3-ethoxypropionate, and the group (b) consisting of solvents having a viscosity of not higher than 1 centipoise at 20°C;

wherein said polymer which has alicyclic hydrocarbon skeletons and decomposes under the action of an acid to become alkali soluble contains a

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repeating unit selected from the group consisting of repeating units having the structural formulas (b-1) to (b-8):



wherein A is selected from the group consisting of hydrogen, hydroxyl, a carboxyl group, an alkoxycarbonyl group, a substituted or unsubstituted alkyl group having from 1 to 10 carbon atoms, a substituted or unsubstituted alkoxy group having from 1 to 10 carbon atoms, and a substituted or unsubstituted alkenyl group having from

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1 to 10 carbon atoms; and R is selected from the group consisting of hydrogen and a substituted or unsubstituted alkyl group having 1 to 3 carbon atoms.
